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[GB/GB]; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

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(74) Agent: **TURNER, Richard, C.**; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

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(71) Applicant (*for all designated States except US*): **KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]**; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

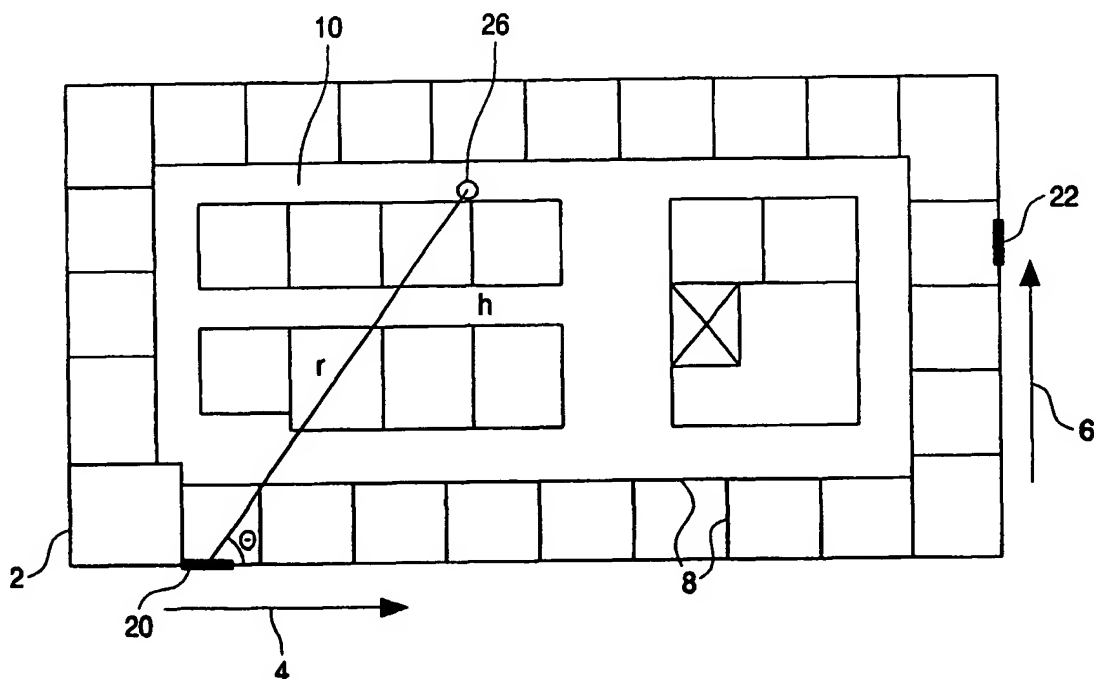
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(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **WILCOX, Martin, S.**

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(54) Title: RANGING AND POSITIONING METHOD AND APPARATUS



(57) Abstract: The method and apparatus are for use in a building (2) having walls (8) and corridors (10) extending longitudinally (4) and laterally (6). Base stations (20, 22) have antennae orientated with a cosec<sup>2</sup> pattern longitudinally (4) and laterally (6) and range a mobile station (26) to determine its position.

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